

## I. AMENDMENT

### A. Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### 1. Listing of Claims:

111. (currently amended) An isolated polypeptide ~~encoding~~ comprising a ~~human DFF40~~ DNA fragmentation factor, wherein the DNA fragmentation factor comprises SEQ ID NO:2.
112. (currently amended) ~~The polypeptide of claim 111, wherein the DNA fragmentation factor comprises 20~~ An isolated polypeptide comprising 23 contiguous amino acids of SEQ ID NO:2.
113. (currently amended) The polypeptide of claim ~~111~~ 112, wherein the ~~DNA fragmentation factor comprises~~ polypeptide comprises 30 contiguous amino acids of SEQ ID NO:2.
114. (currently amended) The polypeptide of claim ~~111~~ 113, wherein the ~~DNA fragmentation factor~~ polypeptide comprises 50 contiguous amino acids of SEQ ID NO:2.
115. (currently amended) The polypeptide of claim ~~111~~ 114, wherein the ~~DNA fragmentation factor~~ polypeptide comprises 100 contiguous amino acids of SEQ ID NO:2.
116. (canceled)